
Skills Inventory

Certifications		Brainbench: RDMS Concepts, Java 2 Fundamentals, J2EE 1.4 Platform, and Struts 1.2
Java Technologies Used		Spring, JSF, JSP, Java Servlets, POJO, Struts, BIRT, EJB, JDBC, JDO, JavaScript, JSTL, Hibernate, JDeveloper, Eclipse 3.X, MyEclipse 6.X, NetBeans 5.0
Web Technologies Used		Perl, HTML, XML, SGML, Apache Tomcat, IBM Websphere, ColdFusion, Oracle Application Server 10.1.2&10.1.3, PHP
Oracle Tools Used		PL/SQL, Workflow, Developer/2000 (forms and reports), JDeveloper (BO, ADF, JSF), Financials, O/E, CRM
RDBMSs	Expert	Oracle 5.0, 5.1, 6.0.26, 6.0.33, 6.0.36, 7.0.13, 7.1, 8.0.4&5, 8.1.5&6&7 (8i), 9.1.0, 9.2.0 (9i), 10g (10.1.2,10.1.3)
	Proficient	MS Access (1.1, 2.0, 7.0)
Languages	Expert	SQL, PL/SQL
	Proficient	Java, HTML, Perl, Shell (Bourne, C, Korn), C/C++ (MS, Inprise, UNIX), SGML, VRML, XML, Visual Basic V3.0 & 4.0, Basic, LST, Hypertext, Digitalk Smalltalk/V 2.0 & 3.0, MASM (5.0,5.1,6.11)
Methodologies/CASE	Proficient	ERWIN 4.0, ER/Studio V7.0, Oracle CASE Methodology, Object Oriented A/D, Rational Rose, UML, Booch, Yourdon Methodology, Texas Instruments IEF Methodology PCV5.2, IEF MFV5.0
Configuration Management Tools	Proficient	Rational ClearCase 2.X 3.X, SCCS, CVS, RCS, VSS, Make, ANT, .BAT scripts
Office Tools	Proficient	vi, MS Office Suite: Word, Excel, PowerPoint
Training	2007	Brainbench certified in RDMS Concepts, Java 2 Fundamentals, J2EE 1.4 Platform, and Struts 1.2. Certifications planned for PL/SQL, HTML, XML and XSL. http://www.brainbench.com/transcript.jsp?pid=6495458
	2006	Studying for Java and Oracle certifications, Oracle Clinical V4.5, Research Triangle NFJS Java Symposium
	2005	Struts, Oracle JDeveloper10g, Java Patterns, JSF1.1
	2004	Oracle Workflow, Research Triangle NFJS Java Symposium
	2003	Java Web Development, J2EE Enterprise Development
	2002	Rocky Mountain NFJS Java Symposium
	1999	Portal Users Conference
	1998	Developer/2000, Capability Maturity Model, Java Programmers Certification Preparation Course
	1996	SunSoft Java Camp, Advanced Java Programming, Documentum
Operating System	Expert	UNIX (Solaris, SunOS, SVR4, BSD, SCO)
	Proficient	Linux, HP-UX, IBM AIX (3.0, 3.1), OS/2 V2.0, MS DOS (5.0, 6.0, 6.2), Windows3.X, Windows95, WindowsNT, Windows2000
Hardware		
Mainframe/Midrange	Proficient	Sun Micro
Microcomputers/PC	Proficient	IBM/PC and compatibles

Education

Rochester Institute of Technology
Rochester, NY

1993 MASTER OF SCIENCE IN COMPUTER SCIENCE

THESIS TITLE:

"AN APPROACH TO THE ANALYSIS AND DESIGN
OF AN INTELLIGENT TUTORING SYSTEM
USING AN OBJECT-ORIENTED METHODOLOGY"

1982 BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

SUNY @ Morrisville
Morrisville, NY

1979 ASSOCIATE IN APPLIED SCIENCE IN MEDICAL LABORATORY TECHNOLOGY

Classes taken at UNC-Chapel Hill:

Term	Course	Title
FALL 1999	PSYC 123	INTRO TO COGNITIVE SCIENCE
SPRING 2000	PSYC 209F	PROSEMINAR COGNITIVE PSYCHOLOGY
	PSYC 209G	PROSEMINAR COG PSYCHOLOGY
FALL 2000	PSYC 281	STATISTICAL METHODS PSYC I
SPRING 2001	PSYC 282	STATISTICAL METHODS PSYC II
SPRING 2002	BIOS 265	LINEAR MODELS IN CATEG DATA ANALYSIS
FALL 2002	BIOS 165	ANALYSIS OF CATEGORICAL DATA
SPRING 2003	GNET 113	GENETIC ANALYSIS
FALL 2003	BIOL 050	MOLECULAR BIOLOGY & GENETICS
FALL 2004	BIOL 162	COMPUTATIONAL GENETICS
SPRING 2006	GNET 214	BIOINFORMATICS & DATAMINING
	GNET 211	BIOINFORMATICS & DATABASES
FALL 2006	GNET 711	BIOINFORMATICS & MACHINE LEARNING
SPRING 2007	INLS 706	BIOINFORMATICS RESEARCH REVIEW

Other Information

Special Interests

Gymnastics - Empire State Games bronze medalist, USA Gymnastics Level 9 Judge

Growing bonsai – member of Triangle Bonsai Society and American Bonsai Society

Second Chance Pet Adoptions Volunteer and former Board Member (animal rescue organization)

Honors/Memberships

Association of Computing Machinery

North Carolina Zoological Society

Oracle Development Tools User Group

Clan Montgomery Society International

Member of 1998 AWC Delegation to China

1998 International Who's Who of Information Technology Professionals

1996, 1997 Member Chairperson of Upstate New York branch of Association for Women in Computing

1991 Presenter of paper on Indexing at East Coast Oracle Conference Wash.,D.C.

1990,1991 Librarian for the Upstate New York Oracle Users Group

American Association for the Advancement of Science

1977 Who's Who of American High School Students

Professional Experience

June, 2008 to present

Advantage HR, Inc. Consultant – Morrisville, NC

IT CONSULTANT AT R.H. DONNELLY

Work on bug fixes for RHD Java web applications as assigned. Convert a Recycling Tracking application written in VB using SQL server to a Java application using Oracle. Assist in research and update of other RHD web applications as requested. Also training a VB programmer to be a Java programmer and assisting with assigned problem tickets.

ENVIRONMENT. Oracle 9i,10g; TOAD 8.X; PL/SQL; Java 1.5; VS2008; Eclipse 3.3.2; MyEclipse 6.5.1

May, 2008

Computer Confidence, Inc. – Rochester, NY

IT TRAINER

Instructed a class of nine students about Oracle 10g SQL Tuning.

October, 2007 to March, 2008

Lonesource, Inc. – Cary, NC

APPLICATIONS DEVELOPER

Responsibilities included analysis, design, development, testing, and implementation of Lonesource E-Procurement web application.

Task assignments utilized development of PL/SQL packages, stored procedures, database schema analysis and restructuring, modification to existing Java source code, creation of new Java code to automate manual processes, resolution of problem tickets, and internal customer support.

ENVIRONMENT. Oracle 10g; TOAD 8.X; PL/SQL; Java 1.5; Eclipse 3.1.2, MyEclipse 6.x; PL/SQL Developer V6; Windows 2000/XP; Linux(CentOS,SUSE); Subversion; Ant; Eventum; Spring

April, 2004 to October, 2007

ITS – EA @ UNC - Chapel Hill

APPLICATIONS ANALYST PROGRAMMER SPECIALIST

Responsibilities included analysis, design, development, testing, implementation and deployment of several business applications. Last project was the development of a Lab Safety plan for Environment, Health and Safety. Others were an Ergonomic Assessment system composed of several interactive components; a Select Agent tracking (evaluated by the CDC) and Chemical Inventory (used to generate lab safety inventory reports as required by insurance regulations). All new applications have web-based front ends that utilize Oracle and an MVC framework on the back end. The applications also include development of PL/SQL packages, stored procedures and design and development of the RDB schema that underlies the application.

ENVIRONMENT. Oracle 10g, 9i, 8i; TOAD 7.X, 8.X; Oracle JDeveloper 10G, 3.X; PL/SQL; Java, J2EE 1.3,1.4,1.5; Struts 1.1,1.2; JUnit; JSF 1.1; Eclipse 3.1.2, MyEclipse 4.1.1; PL/SQL Developer V6,7; Windows 2000/XP; ColdFusionV6; DreamweaverMX v7; Perl 6

October, 2001 to April, 2004

AIS – HRIS @ UNC - Chapel Hill

APPLICATIONS DEVELOPMENT PROJECT SUPERVISOR / APPLICATIONS ANALYST PROGRAMMER SPECIALIST

Responsible for design of Smart document application used to perform applicant tracking for the University. All new applications have web-based front ends utilizing the Struts framework. Initial project was to direct the conversion of an ex-vendor product. This included changing the RDB from Sybase to Oracle and upgrading the Windows software from 16-bit to 32-bit. After the conversions, stabilized the product through SQL tuning and index analysis. Current responsibilities include development of Java Servlets/EJBs, Java Stored Procedures, Oracle PL/SQL development, and Perl scripting. Served additionally as an Oracle, UNIX, Java, HTML, and XML instructor for a staff of 8.

ENVIRONMENT. Oracle 9i, 8i, Windows 2000/XP, Oracle JDeveloper 10G and 3.X, Perl 5, PL/SQL, Java2, J2EE, TOAD, Struts 1.1, JUnit

December, 2000 to August, 2001

Metro IS - IT Consultant @ UNC - Chapel Hill

APPLICATIONS DEVELOPER

Developer applications for Student Information Systems. The applications had web-based front ends with a Java Applet, Servlet or EJB middle and Oracle stored procedures (PL/SQL or Java based) or Java stored procedures (with Oracle DML stubs) to communicate via JDBC with the Oracle database. Responsibilities included development of Java Applets/Servlets/EJBs, Java Stored Procedures, Oracle PL/SQL development, any associated HTML/JSP pages and SQL*Loader scripts. Served additionally as an Oracle, UNIX, Java, HTML, and XML resource.

ENVIRONMENT. Oracle 8.1.5,6&7, Windows 2000, IBM Visual Age for Java 3.5, Perl, PL/SQL, Java2, J2EE, JDeveloper 3.2.3

August, 1998 to November, 2000

Reciprocal, Inc. - Morrisville, NC

CONFIGURATION MANAGER/SOFTWARE ENGINEER

Responsibilities included Oracle reports development and maintenance, providing support to technical support and quality engineering, as well as being the second line software engineer for the Portal Infranet product. Many of the tasks involve troubleshooting and problem solving skills. Initially responsible for setup and automation of the CM processes for the R&D division of the company. This included the roles of configuration manager, release engineer, change control monitor, and source code control system administrator.

ENVIRONMENT. Solaris 2.6, Shell scripting, Perl, VSS (NT & UNIX), Portal Infranet 5.5.X, Oracle (8.0.X,*1.6), Oracle Enterprise Manager, Oracle Developer 2000, Windows NT, MS Office, VC++, VB, Java

June, 1998 to August, 1998

Time-Warner Corporation - Rochester, NY

ACTIUM CONSULTANT

Worked on the implementation of Local Number Portability for residential telephone service. Made modifications to the Customer Management System through the automation of specific billing processes.

ENVIRONMENT. ENVY/Manager, MS Office, Solaris 2.5.1, Shell scripting

February, 1998 to May, 1998

Xerox Corporation - Rochester, NY

CROOP-LAFRANCE CONSULTANT

Ensured that Capability Maturity Model (CMM) level 2 was followed for the key process area of configuration management (CM). Included presentations to senior management describing the benefits of advanced CM tools, researching and arranging for demonstrations of various CM tools, CMM training, process identification, development of a training program and training the developers in the use of the CM tool.

ENVIRONMENT. Windows NT, MS Office, Solaris 2.5.1, Rational ClearCase 3.2 (UNIX & NT versions)

September, 1996 to December, 1997

HIGHSOFT, Inc. - Pittsford, NY

SENIOR SOFTWARE ENGINEER

Developed and ported major sections of a multimedia authoring software, especially the display device driver. Managed releases and software testing. Created installation scripts for program installation. Performed UNIX system administration and Configuration Management duties for the in-house server. Implemented software using Borland C++, MASM, Windows 95 SDK and DDK.

ENVIRONMENT. Borland C++ 5.01, Windows 3.X & 95, Windows NT, Solaris 2.X, MASM (5.1,5.2,6.11), Rational ClearCase V2.X&3.X

October, 1995 to September, 1996

Lawyers Cooperative Publishing Company / Thomson Legal Publishing / West Group - Rochester, NY

SENIOR SOFTWARE ENGINEER / PROJECT LEAD / PRODUCTION SOFTWARE MANAGER

Production Software Manager responsible for stabilizing, standardizing and supporting production software. Required budgeting, hiring, project planning, task assignments, management justification and configuration management. Senior software engineer and project lead responsible for coordination of activities involving the server or UNIX side of the Forms project. The project is the second in a series of development efforts in reengineering the business processes of the company. The main thrust of the reengineering efforts is automating their editorial and production processes. The central applications used are: Documentum (a document management package), C++ (both PC and UNIX based) and PowerBuilder. Documentum is tied to an Oracle database for metadata. All information in the document repository is in SGML. Other tools utilized are: HTML, Java, Visual Basic and Shell scripting.

ENVIRONMENT. UNIX servers with Solaris 2, Documentum 3.0, SGML, C++, HTML, Java, VB 4.0, PB 4.0, Windows 3.11 & 95, Novell Netware 4.x, Shell (C, Perl), RCS

October, 1989 to February, 1996

J.T.S. Computer Services, Inc. - Rochester, NY

SENIOR CONSULTANT**February, 1995 to February, 1996**

Senior software engineer responsible for a Smalltalk application within the Xerox Corporate Research and Technology group. The application parses and allows annotation of SGML files. Also responsible for creating the technical documentation of the application and migration from V2.0 to V3.0 of Smalltalk. Required change management, bug tracking and source control.

ENVIRONMENT. Digitalk Visual Smalltalk V2.0 & V3.0, SGML, Compaq LTE 4/75CX laptop, Compaq Smartstation w/ CD-ROM, Windows 3.11, Novell Netware 4.x, SunOS 4.1.3

August, 1994 to August, 1996

Project lead and senior systems analyst for WIIN2000 and senior UNIX analyst for the Call Handling Xerox Canada project. Responsibilities included delegation of work assignments, program development, project management, systems administration and hardware resourcing.

ENVIRONMENT. Borland C++ V3.1 and V4.0, MS Office Pro 4.3, Chameleon 4.01, MS Project, Sun Sparc10, Sparc1000, SunOS 5.3/Solaris 2.3(UNIX SVR4), SunLink 8.0, SunWorks

April, 1994 to February, 1995

Data modeler for the IM2000 Pilot and Market To Collection models within USCO Xerox. Integration of models from Rank Xerox, Xerox Information Management, Xerox Canada and Brazil Xerox. Required installation and usage of all software and hardware. Responsible for analyzing differences between two Oracle modules (Sales/Order Entry and Accounts Receivable) and the Xerox MTC data model.

ENVIRONMENT. Texas Instruments IEF PCV5.2, IEF MFV5.0, IBM MVS, MS Windows 3.1, MS Office 4.2, OS/2 V2.0, TCP/IP FOR OS/2

January, 1994 to March, 1994

Senior Systems Consultant for Identification Replacement project within USCO Xerox. SQL*Loader scripts were written for feed files to be placed in Oracle tables. Shell scripts were written for automatic loading of the feed files. Modified Visual Basic code for conversion of DBLIB calls to ODBC calls. SQL scripts were modified to accommodate DDL changes. Installation and testing of SQL*Net was required.

ENVIRONMENT. UNIX System V Release 4.0 Version 3.0 (SVR4V3), NCR 3450, Visual Basic 3.0, SQL, Shell programming, Oracle V7.0.13, SQL*Loader, MS Access, ODBC, SQL*Net

January, 1993 to December, 1993

UNIX System Administrator and Applications Developer for Xerox Corporation in GSCS of CSS/IM. Administrator of a small LAN comprised of SUN hardware running SunOS. Informix' Wingz product uses Hyperscript (similar to Hypertalk). The project revolved around the Production Planning Process for Xerox. The application is used internationally. Sent by Xerox to the Netherlands and the UK as part of a training and requirements team. This contract was started under G.E. Consulting.

ENVIRONMENT. Sun IPC, IPX, Sparc2, Sparc10, SunOS 4.1.1, 4.1.2, 4.1.3, Informix Wingz 1.1b, ShowMe, FarSite, DevGuide, Shell (Bourne, C, Korn, Bash, Perl), FarSite, DevGuide, Shell (Bourne, C, Korn, Bash, Perl)

May, 1991 to August, 1991

Analyst/Programmer for the Customer Equipment Services Division of Eastman Kodak. Served as Oracle applications consultant to Bluesky project team for evaluation of report generation tools (SQR was recommended) and development of SQL*Forms programs. Analysis, design and development of Oracle and Shell programs were required.

ENVIRONMENT. IBM RS/6000, AIX V3.0, Oracle V6.0, SQL*Forms 3.0, PL/SQL, SQL*Menu 5.0, SQR, Oracle*Graphics, Oracle*Terminal, Case*Designer, Case*Dictionary, Case*Generator

November, 1990 to March, 1991

Programmer/Analyst for F.S.I. Computer Marketing Services. Performed a needs analysis for a Real Estate Lead Tracking system. Evaluated Informix, Oracle, Ingres, Sybase, Unify, KnowledgeMan and DBMS software products. The system was designed and developed under Informix.

ENVIRONMENT. Austin 386PC, MS-DOS 4.0, MS Windows, Informix RDBMS

August, 1990 to October, 1990

Programmer for Xerox within CSS/IM. User requested changes were made to a Patent Filing and Tracking system. Production problems were resolved.

ENVIRONMENT. DEC VAX/VMS, Oracle V5.1, SQL*Plus, SQL*Forms V2.3, SQL*ReportWriter V1.0

March, 1990 to August, 1990

Applications developer at Paychex Inc. for the Tax Withholding and Wage Reporting software project.

ENVIRONMENT. Oracle V5.1, Compaq SystemPro 386, HP9000 series 800, HP-UX, Bourne shell programming, C shell programming, Korn shell programming, SQL*Plus, SQL*Forms V2.3, Pro*C, C programming

October, 1989 to March, 1990

Applications developer for Xerox in CSS/IM. Developed a Patent Filing and Tracking system using Oracle V5.1 on a DEC VAX/VMS system. Utilized SQL*Plus, SQL*Forms V2.0, SQL*ReportWriter V1.0, RDBMS theory and system programming.

ENVIRONMENT. DEC VAX/VMS, Oracle V5.1, SQL*Plus, SQL*Forms V2.0, SQL*ReportWriter V1.0

July, 1992 to December, 1992

G.E. Consulting - Rochester, NY

SYSTEMS CONSULTANT**November, 1992 to December, 1992**

UNIX System Administrator and Applications Developer for Xerox Corporation in GSCS of CSS/IM. This contract was continued under J.T.S. Computer Services from January 1993 to December 1993.

July, 1992 to October, 1992

Source Code Control Administrator at Asea Brown Boveri. Responsible for setting up and maintaining a source code control environment for current project use. Also responsible for the development of a product release procedure. Used as an Oracle and Shell programming reference.

ENVIRONMENT. HP-UX, Apollo workstations, Graphical RPC, Shell, Oracle 6.0

September, 1991 to June, 1992

Consultant to Distribution Information Systems within Eastman Kodak. Installation and set up of UNIX LAN and Oracle products. Oracle case tools used to perform data modeling with current system requirements in preparation for conversion to Oracle Financials. Instructor for efficient use of UNIX and basic UNIX utilities.

ENVIRONMENT. Sun IPC, IPX, Sparc1+, Sun 470 Server, SunOS, Oracle V6.0, SQL*Plus, all Oracle CASE tools, Oracle*Graphics, SQL*Forms 3.0

December, 1988 to May, 1989

O.C.S. Consulting - Rochester, NY

JUNIOR PROGRAMMER. Worked on Sun 3/50 and 3/60 workstations running SunOS. Most development work was in C where interactive data files were created and used with a prototype database program. A demonstration/ quality assurance installation tape for a microfiche machine was developed using C shell. This tape is distributed internationally. The prototype and demo/QA tape were presented at the 1989 AIIM show. Developed an on-line pocket guide for use with JCL commands. Sun software products used: SunTools, SunLink, SunTrac and Unify/Accell. Case tool used was Cadre's Teamwork.

May, 1988 to July, 1989

I.B.I. Systems Inc. - Rochester, NY

JUNIOR PROGRAMMER. Responsible for design and development involving several relational database products. Worked with AT&T 3B2 hardware running System V UNIX. There was in-house training in Informix, Ingres, Accell, Conetics C/Base and Oracle 5.0. The majority of database development was with C/Base and Oracle 5.0 from data modeling through application development. Proficient in various Oracle products including SQL*Plus, SQL*Forms 2.0, SQL*Report, Pro*C, SQL*Net, SQL*Menu, Pro*Fortran and SQL*ReportWriter 1.0. Applications developed in Oracle were Inventory, Case Management, Order/Entry, and Power Distribution. In C/Base: Accounting (AP, AR and GL), Inventory, Charting and Billing for a Nursing Home.